

L Number	Hits	Search Text	DB	Time stamp
-	0	"multi-well").PN.	USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	1932	multi-well	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	1417	multi-well WITH (plate OR apparatus)	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	13623	(multi-well WITH (plate OR apparatus)) OR (microtiter ADJ plate)	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	14028	(multi-well WITH (plate OR apparatus)) OR (microtiter WITH plate)	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	14841	((multi-well WITH (plate OR apparatus)) OR (microtiter WITH plate)) OR (microreactor) and pressure	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	5785	((multi-well WITH (plate OR apparatus)) OR (microtiter WITH plate)) OR (microreactor) and (pressure WITH chamber)	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	226	((multi-well WITH (plate OR apparatus)) OR (microtiter WITH plate)) OR (microreactor) and (pressure WITH chamber)	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/02 14:10
-	17	((((multi-well WITH (plate OR apparatus)) OR (microtiter WITH plate)) OR microreactor) and (pressure WITH chamber)) and psig	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/06 15:52
-	2131	422/99	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/06 11:46

-	940	422/99 and 422/102	USPAT;	2001/11/06 11:04
-	2829	422/102 not 422/99	US-PPGPUB; EPO; JPO; IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 11:08
-	2586	(422/102 not 422/99) and @ad<20000719	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 11:14
-	873	422/130 or 422/131 not (422/99 or 422/102)	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 11:14
-	53	((multi-well ADJ (plate OR apparatus)) OR (microtiter ADJ plate)) OR (((multi-well ADJ (plate OR apparatus)) OR (microtiter ADJ plate)) OR microreactor) and (pressure ADJ chamber)) and @ad<20000719	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 16:18
-	52	((multi-well ADJ (plate OR apparatus)) OR (microtiter ADJ plate)) OR ((multi-well ADJ (plate OR apparatus)) OR (microtiter ADJ plate)) OR microreactor) and (high ADJ pressure ADJ chamber)) and @ad<20000719	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 16:04
-	3	((multi-well ADJ (plate OR apparatus)) OR (microtiter ADJ plate)) OR ((multi-well ADJ (plate OR apparatus)) OR (microtiter ADJ plate)) OR microreactor) and (high ADJ pressure ADJ chamber)) and @ad<20000719	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/07 09:10
0	0	((multi-well) and (high ADJ pressure ADJ chamber)) and @ad<20000719	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 16:16
-	0	(multi-well and (high ADJ pressure ADJ chamber)) and @ad<20000719	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 16:17
-	0	multi-well and (high ADJ pressure ADJ chamber) and @ad<20000719	DERWENT; IBM TDB USPAT; US-PPGPUB; EPO; JPO;	2001/11/06 16:18

-	-	-	-	-
18	(multi-well and (pressure ADJ chamber))	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2001/11/06 16:19	
0	multi-well and (high ADJ pressure ADJ chamber) and @ad<20000719	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2001/11/06 16:19	
18	multi-well and (pressure ADJ chamber) and @ad<20000719	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2001/11/06 16:19	
2	("6051439") . PN.	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2001/11/07 09:10	
1	"41111754" . PN.	USPAT	2001/11/07 09:11	
1	"4493815" . PN.	USPAT	2001/11/07 09:11	
1	"4526690" . PN.	USPAT	2001/11/07 09:11	
1	"4598049" . PN.	USPAT	2001/11/07 09:11	
1	"4894343" . PN.	USPAT	2001/11/07 09:12	
1	"4948442" . PN.	USPAT	2001/11/07 09:12	
1	"5047215" . PN.	USPAT	2001/11/07 09:13	
1	"5108704" . PN.	USPAT	2001/11/07 09:13	
1	"5147608" . PN.	USPAT	2001/11/07 09:14	
1	"5183744" . PN.	USPAT	2001/11/07 09:15	
1	"5186844" . PN.	USPAT	2001/11/07 09:15	
1	"5219528" . PN.	USPAT	2001/11/07 09:15	
1	"5272081" . PN.	USPAT	2001/11/07 09:16	
1	"5273718" . PN.	USPAT	2001/11/07 09:16	
1	"5273718" . PN.	USPAT	2001/11/07 09:16	
1	"5288464" . PN.	USPAT	2001/11/07 09:17	
1	"5308757" . PN.	USPAT	2001/11/07 09:17	
1	"5324483" . PN.	USPAT	2001/11/07 09:17	
1	"5355686" . PN.	USPAT	2001/11/07 09:17	
1	"5384261" . PN.	USPAT	2001/11/07 09:17	
1	"5457527" . PN.	USPAT	2001/11/07 09:17	
1	"5503805" . PN.	USPAT	2001/11/07 09:17	
1	"5599688" . PN.	USPAT	2001/11/07 09:17	
1	"5620894" . PN.	USPAT	2001/11/07 09:17	
1	"5622699" . PN.	USPAT	2001/11/07 09:17	
1	"5712171" . PN.	USPAT	2001/11/07 09:18	
1	"5725831" . PN.	USPAT	2001/11/07 09:18	
1	"5792430" . PN.	USPAT	2001/11/07 09:18	
1	"5888830" . PN.	USPAT	2001/11/07 09:18	
1	"5792430" . PN.	USPAT	2001/11/07 09:18	
1	"2153105" . PN.	USPAT	2001/11/07 09:20	
1	"4055202" . PN.	USPAT	2001/11/07 09:20	
1	"4313476" . PN.	USPAT	2001/11/07 09:22	

Search History

5/9/02 4:34:24 PM

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1	"4649967".PN.	USPAT	2001/11/07 09:22								
1	"4649967".PN.	USPAT	2001/11/07 09:22								
1	"4810471".PN.	USPAT	2001/11/07 09:22								
1	"5139056".PN.	USPAT	2001/11/07 09:23								
1	"5240680".PN.	USPAT	2001/11/07 09:23								
1	"5288514".PN.	USPAT	2001/11/07 09:23								
1	"5541314".PN.	USPAT	2001/11/07 09:23								
3	("5792430").PN.	USPAT;	2001/11/07 15:45								
0	(422/102 or 422/103 or 435/305.2 or 435/305.3 or 435/288.4).CCLS.	US-PGPUB;									
2767	(422/102 or 422/103 or 435/305.2 or 435/305.3 or 435/288.4).CCLS.	EPO; JPO;									
1043	(435/305.2 or 435/305.3 or 435/288.4 or 422/130 or 422/131).CCLS.	DERWENT;									
43	((("5792430") or ("20010119705") or ("6309608") or ("6274094") or ("6274091") or ("6267930") or ("6238913") or ("6238627") or ("6042789") or ("6001311") or ("5716584") or ("5529756") or ("5472672") or ("6117397") or ("6083682") or ("5582801") or ("5565173") or ("5324483") or ("gb2176601")).PN.	IBM TDB	USPAT;	2001/11/07 15:46							
43	((("5792430") or ("20010119705") or ("6309608") or ("6274094") or ("6274091") or ("6267930") or ("6238913") or ("6238627") or ("6042789") or ("6001311") or ("5716584") or ("5529756") or ("5472672") or ("6117397") or ("6083682") or ("5582801") or ("5565173") or ("5324483") or ("gb2176601")).PN.	USPAT;	US-PGPUB;								
43	((("5792430") or ("20010119705") or ("6309608") or ("6274094") or ("6274091") or ("6267930") or ("6238913") or ("6238627") or ("6042789") or ("6001311") or ("5716584") or ("5529756") or ("5472672") or ("6117397") or ("6083682") or ("5582801") or ("5565173") or ("5324483") or ("de2176601")).PN.	USPAT;	US-PGPUB;								
43	((("5792430") or ("20010119705") or ("6309608") or ("6274094") or ("6274091") or ("6267930") or ("6238913") or ("6238627") or ("6042789") or ("6001311") or ("5716584") or ("5529756") or ("5472672") or ("6117397") or ("6083682") or ("5582801") or ("5565173") or ("5324483") or ("de2176601")).PN.	USPAT;	US-PGPUB;								
0	("GB 2176601 A").PN.	USPAT;	US-PGPUB;								
		IBM TDB	USPAT;	US-PGPUB;							

-	46	((("5792430") or ("20010119705") or ("6309608") or ("6274094") or ("6238627") or ("6168914") or ("6274091") or ("6267930") or ("6238913") or ("6238627") or ("6168914") or ("6042789") or ("6001311") or ("5716584") or ("5529756") or ("5472672") or ("5702672") or ("5612002") or ("5582801") or ("5565173") or ("5324483") or ("2176601")) . PN. 0 ("36 and @pd<=200000719") . PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	2001/11/09 15:02 2001/11/08 10:15 2001/11/08 10:13
-	0	("36 and @pd<=200000719") . PN.		
-	45	((("5792430") or ("20010119705") or ("6309608") or ("6274094") or ("6238627") or ("6168914") or ("6274091") or ("6267930") or ("6238913") or ("6238627") or ("6168914") or ("6042789") or ("6001311") or ("5716584") or ("5529756") or ("5472672") or ("6117397") or ("6083682") or ("5702672") or ("5612002") or ("5582801") or ("5565173") or ("5324483") or ("2176601")) . PN.) and (@ad<=20000719) cell harvester.ti. 898411	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	2001/11/08 10:13 2001/11/08 10:17 2001/11/09 11:12 2001/11/09 11:12 2001/11/09 15:03 2001/11/09 15:03
-	2	5987842.pn.		
-	3	5897842.pn.		
-	0	symx.as.		
-	104	symyx.as.		

-	781	(435/305.2 or 435/305.3 or 435/288.4 or 422/130 or 422/131).ccls. and (("12" by "8") or ("8" by "12") or "96")	USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/13 15:02
-	828	(435/305.2 or 435/305.3 or 435/288.4 or 422/130 or 422/131).ccls. and (("3" by "4") or ("4" by "3") or "12")	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/13 15:06
-	711	(435/305.2 or 435/305.3 or 435/288.4 or 422/130 or 422/131).ccls. and (("3" adj by adj "4") or ("4" adj by adj "3") or "12")	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/13 16:17
-	0	(435/305.2 or 435/305.3 or 435/288.4 or 422/130 or 422/131).ccls. and (("3" adj by adj "4") or ("4" adj by adj "3"))	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/13 15:39
-	35	(435/305.2 or 435/305.3 or 435/288.4 or 422/130 or 422/131).ccls. and (("3" adj by adj "4") or ("4" adj by adj "3") or ("12" adj wells))	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/13 16:20
-	1	6309608.pn. and ("9" adj num)	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/14 13:41
-	6213	micromachin\$	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/14 13:43
-	1957	micromachin\$ and holes	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/14 13:56
-	15	micromachin\$ adj holes	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/14 14:59
-	1	6309608.pn. and holes	IBM TDB USPAT; US-PPGPUB; EPO; JPO; DERWENT;	2001/11/14 14:59

-	1	6309608.pn. and valves	USPAT;	2001/11/14 15:41
-	1	6309608.pn. and vials	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/14 16:01
-	1	6309608.pn. and springs	USPAT;	2001/11/14 16:01
-	0	(435/305.2 or 435/305.3 or 435/288.4 or 422/130 or 422/131).cc1s. and (four adj bar adj mechanism)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/15 16:19
-	346	four adj bar adj mechanism	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/15 16:47
-	333	(four adj bar adj mechanism) and (@ad<20000719 or @pd<20000719)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/16 11:02
-	3	(four adj bar adj mechanism) and reactor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/15 16:50
-	3	(four adj bar adj mechanism) and (reactor or multi-well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/16 08:41
-	6	4099923.pn. or 4944923.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/16 08:42
-	0	(4099923.pn. or 4944923.pn.) and (four adj bar adj mechanism)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/16 08:42

-	232294	van den brink.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/11/16 11:02
-	231455	van den brink.in. and reactor		
-	6071	(422/99-104).CCLS.		
-	707	((422/99-104).CCLS.) and (reactor or multiwell or multi-well or microplate or microtiter)	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/07 15:08
-	643	((422/99-104).CCLS.) and (reactor or multiwell or multi-well or microplate or microtiter) and @ad<200000719	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/07 15:10

-	26	(US-6355164-\$ or US-6357141-\$ or US-6358479-\$ or US-6117397-\$ or US-5624815-\$ or US-5620663-\$ or US-5741463-\$ or US-546451-\$ or US-5516490-\$ or US-5283039-\$ or US-5342581-\$ or US-5846493-\$ or US-5264184-\$ or US-6171555-\$ or US-6159368-\$ or US-6149869-\$ or US-6258325-\$ or US-6338802-\$ or US-6331431-\$ or US-6274094-\$ or US-6267930-\$ or US-5961925-\$ or US-6051439-\$ or US-6045755-\$ or US-6042789-\$ or US-5205989-\$).did.	USPAT	2002/05/07 16:46
-	24	((US-6355164-\$ or US-6357141-\$ or US-6358479-\$ or US-6117397-\$ or US-5624815-\$ or US-5620663-\$ or US-5741463-\$ or US-546451-\$ or US-5516490-\$ or US-5283039-\$ or US-5342581-\$ or US-5846493-\$ or US-5264184-\$ or US-6171555-\$ or US-6159368-\$ or US-6149869-\$ or US-6258325-\$ or US-6338802-\$ or US-6331431-\$ or US-6274094-\$ or US-6267930-\$ or US-5961925-\$ or US-6045755-\$ or US-6042789-\$ or US-5205989-\$).did.) and pressure	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/07 17:17
-	26	((US-6355164-\$ or US-6357141-\$ or US-6358479-\$ or US-6117397-\$ or US-5624815-\$ or US-5620663-\$ or US-5741463-\$ or US-546451-\$ or US-5516490-\$ or US-5283039-\$ or US-5342581-\$ or US-5846493-\$ or US-6258325-\$ or US-6338802-\$ or US-6331431-\$ or US-6274094-\$ or US-6267930-\$ or US-5961925-\$ or US-6051439-\$ or US-6045755-\$ or US-6042789-\$ or US-5205989-\$).did.) ancody.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/07 17:17
-	638	cody.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/07 17:17
-	4	cody.in. and 422/\$.cc1s.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/07 17:21
-	1019	dewitt.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/07 17:21
-	13	dewitt.in. and 422/\$.cc1s.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/07 17:21
-	2	5324483.pr. and pressure	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/08 17:41
-	2	("6,171,555").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/08 17:41

-	0	(("6,171,555") . PN.) and steel	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:01
-	3	("5431889") . PN.	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:17
-	7408	((422/99-104) or (422/129-131)) . CCLS.	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:17
-	3108	((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:17
-	1946	((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and (((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and pressure	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:17
-	3	((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and (((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and (((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and pressure) and ("1000" adj psig)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:17
-	0	((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and pressure) and @ad20000719	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:17
-	1864	((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and pressure) and @ad<20000719	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:17
-	1463	(((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and (((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and pressure) and @ad<20000719) and well	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:37
-	21975	(((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and (((((422/99-104) or (422/129-131)) . CCLS.) and (chamber or housing)) and microreactor or microplate	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:37

-	334	(((((422/99-104) or (422/129-131)).CCIS.) and (chamber or housing)) and (reactor or microtiter or microreactor or microplate)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/08 18:38
-	4	3723004.did.	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:24
-	300616	reactor	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:25
-	163	reactor and plexiglas	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:25
-	154	(reactor and plexiglas) and @ad<20000719	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:25
-	110	((reactor and plexiglas) and @ad<20000719) and pressure	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:25
-	3	plexiglas adj reactor	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:25
-	14	plexiglas with reactor	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:31
-	11	(plexiglas with reactor) not (plexiglas adj reactor)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/09 11:31

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CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> reactor
REACTOR IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s ?reactor?
L1 538600 ?REACTOR?

=> s chamber? or housing?
L2 1067759 CHAMBER? OR HOUSING?

=> s pressure?
L3 2241567 PRESSURE?

=> s 1000(w)psig
L4 5359 1000(W) PSIG

=> s l1 and l2 and l3 and l4
L5 355 L1 AND L2 AND L3 AND L4

=> s well?
L6 3205041 WELL?

=> s ?well?
L7 3356583 ?WELL?

=> s l5 and l7
L8 334 L5 AND L7

=> d ti 1-10

L8 ANSWER 1 OF 334 USPATFULL
TI Fischer-tropsch processes using catalysts on mesoporous supports

L8 ANSWER 2 OF 334 USPATFULL
TI Fischer-Tropsch processes and catalysts with promoters

L8 ANSWER 3 OF 334 USPATFULL
TI Methods and apparatus for producing and treating novel elastomer
composites

L8 ANSWER 4 OF 334 USPATFULL
TI Dry catalyst feeder for polymerization **reactors**

L8 ANSWER 5 OF 334 USPATFULL
TI Process for the preparation of hydrocarbons

L8 ANSWER 6 OF 334 USPATFULL
TI NOVEL ELASTOMER COMPOSITE BLENDS AND METHODS - II

L8 ANSWER 7 OF 334 USPATFULL
TI Reductive combustion of ammonium salts of sulfuric acid

L8 ANSWER 8 OF 334 USPATFULL
TI Promoted porous catalyst

L8 ANSWER 9 OF 334 USPATFULL
TI Chromium-based catalysts and processes for converting hydrocarbons to synthesis gas

L8 ANSWER 10 OF 334 USPATFULL
TI Fischer-tropsch processes and catalysts with promoters

=> d his

(FILE 'HOME' ENTERED AT 17:47:47 ON 08 MAY 2002)

FILE 'CAPLUS, USPATFULL' ENTERED AT 17:48:19 ON 08 MAY 2002

L1 538600 S ?REACTOR?
L2 1067759 S CHAMBER? OR HOUSING?
L3 2241567 S PRESSURE?
L4 5359 S 1000(W) PSIG
L5 355 S L1 AND L2 AND L3 AND L4
L6 3205041 S WELL?
L7 3356583 S ?WELL?
L8 334 S L5 AND L7

=> s 13(w)12
L9 30380 L3(W) L2

=> s 11 and 19 and 14 and 17
L10 5 L1 AND L9 AND L4 AND L7

=> d ibib abs tot

L10 ANSWER 1 OF 5 USPATFULL
ACCESSION NUMBER: 1999:121563 USPATFULL
TITLE: Method for producing a flavorful and aromatic composition for use in smoking articles
INVENTOR(S): Shu, Chi-Kuen, Pfafftown, NC, United States
Lawrence, Brian Michael, Winston-Salem, NC, United States
PATENT ASSIGNEE(S): R.J. Reynolds Tobacco Company, Winston-Salem, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5962662		19991005
APPLICATION INFO.:	US 1992-854122		19920319 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1990-632242, filed on 20 Dec 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Leary, Louise N.		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 11 Drawing Page(s)		
LINE COUNT:	510		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A flavorful and aromatic composition is provided by forming a mixture of a first component in the form of at least one non-sulfur containing amino acid, non-sulfur containing amino acid analog and/or degradation product thereof and a second component in the form of at least one		

sugar, sugar analog and/or degradation product thereof. The first component and second component are in a molar ratio of from about 1:1 to about 60:1. The mixture is then subjected to heat treatment in a pressure controlled environment under conditions sufficient to form the flavorful and aromatic composition, e.g., a pressure of about 10 psig to about **1000 psig** and a temperature of at least 100.degree. C. The composition is useful as casing and top dressing components for tobacco laminae and cut filler, as well as for other smokable materials.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 5 USPATFULL

ACCESSION NUMBER: 95:40066 USPATFULL
TITLE: Method of providing flavorful and aromatic compounds
INVENTOR(S): Shu, Chi-Kuen, Pfafftown, NC, United States
Lawrence, Brian M., Winston-Salem, NC, United States
PATENT ASSIGNEE(S): R. J. Reynolds Tobacco Company, Winston-Salem, NC,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5413122		19950509
APPLICATION INFO.:	US 1992-837844		19920218 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Prebilic, Paul		
NUMBER OF CLAIMS:	5		
EXEMPLARY CLAIM:	1		
LINE COUNT:	289		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A flavorful and aromatic compound for use in a smoking article is provided by subjecting an amino acid having a hydroxy group to heat treatment at a pressure of about 10 psig to about **1000 psig** and at a temperature of at least about 100.degree. C. to provide a reaction material including flavorful and aromatic composition, and collecting the flavorful and aromatic composition for use in altering the aroma of mainstream smoke upon burning of a smoking compound during use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 5 USPATFULL

ACCESSION NUMBER: 90:77902 USPATFULL
TITLE: Method for producing ultra-high purity, optical quality, glass articles
INVENTOR(S): Schermerhorn, Paul M., Painted Post, NY, United States
Teter, Michael P., Corning, NY, United States
PATENT ASSIGNEE(S): Corning Incorporated, Corning, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4961767		19901009
APPLICATION INFO.:	US 1989-373628		19890629 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1988-271709, filed on 16 Nov 1988, now abandoned which is a division of Ser. No. US 1987-52619, filed on 20 May 1987, now patented, Pat. No. US 4789389		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lindsay, Robert L.		
LEGAL REPRESENTATIVE:	Michaelsen, Alfred L., Klee, Maurice M.,		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		

NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)

LINE COUNT: 972

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for consolidating a green body is disclosed which involves: (1) drying and partially sintering the green body at a temperature above about 1000.degree. C. and in an atmosphere containing chlorine; (2) fully sintering the green body under vacuum at a temperature above about 1720.degree. C.; and (3) hot isostatic pressing ("hipping") the green body at a temperature above about 1150.degree. C. and at a pressure above about 100 psig. The process produces glass articles which have a low water content and are essentially bubble free.

This is a continuation of co-pending application Ser. No. 07/271,709 filed Nov. 16, 1988, now abandoned which is a divisional application of application Ser. No. 07/052,619, filed May 20, 1987 now U.S. Pat. No. 4,789,389.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 5 USPATFULL

ACCESSION NUMBER: 88:78817 USPATFULL

TITLE: Method for producing ultra-high purity, optical quality, glass articles

INVENTOR(S): Schermerhorn, Paul M., Painted Post, NY, United States
Teter, Michael P., Corning, NY, United States

PATENT ASSIGNEE(S): Vandewoestine, Robert V., Corning, NY, United States
Corning Glass Works, Corning, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4789389		19881206
APPLICATION INFO.:	US 1987-52619		19870520 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lindsay, Robert L.		
LEGAL REPRESENTATIVE:	Zebrowski, Walter S.		
NUMBER OF CLAIMS:	33		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1101		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for producing ultra-high purity, optical quality, glass articles is disclosed which involves: (1) forming a gel from a silicon-containing organic compound, such as, TEOS; (2) drying the gel to produce granules having a mean particle size of less than about 1 millimeter; (3) fully sintering the granules to produce high purity, artificial sand; (4) casting the artificial sand by conventional techniques, such as, slip casting, to form a high density, porous, green body; (5) drying and partially sintering the green body; (6) fully sintering the green body under vacuum; and (7) hot isostatic pressing ("hipping") the green body. The glass articles produced by the process have higher purity, greater homogeneity, and less IR absorption than existing, commercially available, premium quality, fused silica, glass articles. In addition, in accordance with the invention, high purity glass articles of complex shapes can be directly cast, rather than being machined or pressed from sheets of glass, as in the prior art.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 5 USPATFULL

ACCESSION NUMBER: 86:23453 USPATFULL

TITLE: Process for the production of acetic acid from synthesis gas

INVENTOR(S): Smith, David W., Cincinnati, OH, United States

PATENT ASSIGNEE(S): National Distillers and Chemical Corporation, New York,
NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4584322		19860422
APPLICATION INFO.:	US 1984-597984		19840409 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Mars, Howard T.		
LEGAL REPRESENTATIVE:	Tremain, Kenneth D.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
LINE COUNT:	288		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for preparing acetic acid and acetates comprising reacting carbon monoxide with hydrogen in the presence of a catalytically effective amount of the catalyst system comprising a ruthenium compound, a cobalt compound, and an alkali metal halide activator.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 11 and 12 and 13 and 14
L11 355 L1 AND L2 AND L3 AND L4

=> d pi ti tot

L11 ANSWER 1 OF 355 CAPLUS COPYRIGHT 2002 ACS

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3503868	A	19700331	US 1967-680982	19671106
TI	Extracting and converting shale oils				

L11 ANSWER 2 OF 355 CAPLUS COPYRIGHT 2002 ACS

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1039381		19660817	GB	
TI	Chemical reactions in which hydrogen is a reaction product				

L11 ANSWER 3 OF 355 USPATFULL

PI	US 2002052289	A1	20020502
TI	Fischer-tropsch processes using catalysts on mesoporous supports		

L11 ANSWER 4 OF 355 USPATFULL

PI	US 2002045671	A1	20020418
TI	Fischer-Tropsch processes and catalysts with promoters		

L11 ANSWER 5 OF 355 USPATFULL

PI	US 6372822	B1	20020416
TI	Methods and apparatus for producing and treating novel elastomer composites		

L11 ANSWER 6 OF 355 USPATFULL

PI	US 2002034464	A1	20020321
TI	Dry catalyst feeder for polymerization reactors		

L11 ANSWER 7 OF 355 USPATFULL

PI	US 2002028853	A1	20020307
TI	Process for the preparation of hydrocarbons		

L11 ANSWER 8 OF 355 USPATFULL

PI	US 2002016404	A1	20020207
	US 6365663	B2	20020402
TI	NOVEL ELASTOMER COMPOSITE BLENDS AND METHODS - II		

L11 ANSWER 9 OF 355 USPATFULL
PI US 6342651 B1 20020129
TI Reductive combustion of ammonium salts of sulfuric acid

L11 ANSWER 10 OF 355 USPATFULL
PI US 2002006862 A1 20020117
TI Promoted porous catalyst

L11 ANSWER 11 OF 355 USPATFULL
PI US 2002006374 A1 20020117
TI Chromium-based catalysts and processes for converting hydrocarbons to synthesis gas

L11 ANSWER 12 OF 355 USPATFULL
PI US 6333294 B1 20011225
TI Fischer-tropsch processes and catalysts with promoters

L11 ANSWER 13 OF 355 USPATFULL
PI US 2001051588 A1 20011213
US 6365544 B2 20020402
TI FISCHER-TROPSCH PROCESSES AND CATALYSTS USING FLUORIDED ALUMINA SUPPORTS

L11 ANSWER 14 OF 355 USPATFULL
PI US 2001049334 A1 20011206
US 6368997 B2 20020409
TI FISCHER-TROPSCH PROCESSES AND CATALYSTS USING FLUORIDED SUPPORTS

L11 ANSWER 15 OF 355 USPATFULL
PI US 6319872 B1 20011120
TI Fischer-Tropsch processes using catalysts on mesoporous supports

L11 ANSWER 16 OF 355 USPATFULL
PI US 6309758 B1 20011030
TI Promoted porous catalyst

L11 ANSWER 17 OF 355 USPATFULL
PI US 2001029285 A1 20011011
US 6319995 B2 20011120
TI METHOD OF FEEDING DRY CATALYST TO A POLYMERIZATION REACTOR

L11 ANSWER 18 OF 355 USPATFULL
PI US 6284938 B1 20010904
TI Process for oligomer production and saturation

L11 ANSWER 19 OF 355 USPATFULL
PI US 2001007879 A1 20010712
US 6353035 B2 20020305
TI Fischer-tropsch processes using xerogel and aerogel catalysts by destabilizing aqueous colloids

L11 ANSWER 20 OF 355 USPATFULL
PI US 6235677 B1 20010522
TI Fischer-Tropsch processes using xerogel and aerogel catalysts by destabilizing aqueous colloids

L11 ANSWER 21 OF 355 USPATFULL
PI US 6232417 B1 20010515
TI Photoresist compositions comprising polycyclic polymers with acid labile pendant groups

L11 ANSWER 22 OF 355 USPATFULL
PI US 6231976 B1 20010515
TI Copolyester binder fibers

- L11 ANSWER 23 OF 355 USPATFULL
PI US 6197856 B1 20010306
TI Copolymer binder fibers
- L11 ANSWER 24 OF 355 USPATFULL
PI US 6149864 20001121
TI Supercritical fluid sterilization method
- L11 ANSWER 25 OF 355 USPATFULL
PI US 6139954 20001031
TI Polyesters containing neopentyl glycol and fibers formed therefrom
- L11 ANSWER 26 OF 355 USPATFULL
PI US 6127432 20001003
TI Processes for preparing oxygenates and catalysts therefor
- L11 ANSWER 27 OF 355 USPATFULL
PI US 6096940 20000801
TI Biodegradable high performance hydrocarbon base oils
- L11 ANSWER 28 OF 355 USPATFULL
PI US 6090595 20000718
TI Pretreatment process for conversion of cellulose to fuel ethanol
- L11 ANSWER 29 OF 355 USPATFULL
PI US 6085577 20000711
WO 9713138 19970410
TI Surface tension measurement in a pressurized environment
- L11 ANSWER 30 OF 355 USPATFULL
PI US 6080903 20000627
TI Process for oligomer production and saturation
- L11 ANSWER 31 OF 355 USPATFULL
PI US 6075084 20000613
TI Elastomer composite blends and methods - II
- L11 ANSWER 32 OF 355 USPATFULL
PI US 6072093 20000606
TI Process for oligomer production and saturation
- L11 ANSWER 33 OF 355 USPATFULL
PI US 6061936 20000516
TI Synthesis gas expander located immediately upstream of combustion turbine
- L11 ANSWER 34 OF 355 USPATFULL
PI US 6048923 20000411
TI Elastomer composites method and apparatus
- L11 ANSWER 35 OF 355 USPATFULL
PI US 6048513 20000411
TI Method for synthesis of hypohalous acid
- L11 ANSWER 36 OF 355 USPATFULL
PI US 6048404 20000411
TI Tobacco flavoring components of enhanced aromatic content and method of providing same
- L11 ANSWER 37 OF 355 USPATFULL
PI US 6040364 20000321
TI Methods for producing elastomeric compositions
- L11 ANSWER 38 OF 355 USPATFULL
PI US 6025533 20000215

TI Oligomer production with catalytic distillation

L11 ANSWER 39 OF 355 USPATFULL

PI US 6005154 19991221

TI Isomerization process using zeolite SSZ-25

L11 ANSWER 40 OF 355 USPATFULL

PI US 5990367 19991123

TI Process for oligomer production and saturation

L11 ANSWER 41 OF 355 USPATFULL

PI US 5962662 19991005

TI Method for producing a flavorful and aromatic composition for use in smoking articles

L11 ANSWER 42 OF 355 USPATFULL

PI US 5916780 19990629

TI Pretreatment process for conversion of cellulose to fuel ethanol

L11 ANSWER 43 OF 355 USPATFULL

PI US 5912382 19990615

TI Hydroxyalkyl carbamate compositions and processes for manufacturing same

L11 ANSWER 44 OF 355 USPATFULL

PI US 5895830 19990420

TI Process for oligomer production and saturation

L11 ANSWER 45 OF 355 USPATFULL

PI US 5874612 19990223

TI Process for the preparation of glyphosate and glyphosate derivatives

L11 ANSWER 46 OF 355 USPATFULL

PI US 5856604 19990105

TI Process for integrated oligomer production and saturation

L11 ANSWER 47 OF 355 USPATFULL

PI US 5847252 19981208

TI Process for integrated oligomer production and saturation

L11 ANSWER 48 OF 355 USPATFULL

PI US 5837639 19981117

TI Hydroprocessing catalyst

L11 ANSWER 49 OF 355 USPATFULL

PI US 5811608 19980922

TI Process for oligomer production and saturation

L11 ANSWER 50 OF 355 USPATFULL

PI US 5792894 19980811

TI Conversion of aromatic and olefins

L11 ANSWER 51 OF 355 USPATFULL

PI US 5783627 19980721

TI Dense gas-compatible enzymes

L11 ANSWER 52 OF 355 USPATFULL

PI US 5744556 19980428

TI Gas phase polymerization employing unsupported catalysts

L11 ANSWER 53 OF 355 USPATFULL

PI US 5691463 19971125

TI Alkylation process using zeolite SSZ-25

L11 ANSWER 54 OF 355 USPATFULL

PI US 5670131 19970923

TI Synthetic porous crystalline MCM-61, its synthesis and use
L11 ANSWER 55 OF 355 USPATFULL
PI US 5591322 19970107
TI Dewaxing process using zeolite SSZ-25

L11 ANSWER 56 OF 355 USPATFULL
PI US 5578190 19961126
TI Process for the preparation of glyphosate and glyphosate derivatives

L11 ANSWER 57 OF 355 USPATFULL
PI US 5554274 19960910
TI Manufacture of improved catalyst

L11 ANSWER 58 OF 355 USPATFULL
PI US 5534656 19960709
TI Organic compound conversion with MCM-58

L11 ANSWER 59 OF 355 USPATFULL
PI US 5508015 19960416
TI Process for controlling agglomeration in the manufacture of TiO₂

L11 ANSWER 60 OF 355 USPATFULL
PI US 5504257 19960402
TI Process for producing diisopropyl ether with removal of acid material

L11 ANSWER 61 OF 355 USPATFULL
PI US 5503750 19960402
TI Membrane-based process for the recovery of lactic acid by fermentation of carbohydrate substrates containing sugars

L11 ANSWER 62 OF 355 USPATFULL
PI US 5495055 19960227
TI Acetone hydrogenation using a supported ruthenium catalyst

L11 ANSWER 63 OF 355 USPATFULL
PI US 5487913 19960130
TI Butter products

L11 ANSWER 64 OF 355 USPATFULL
PI US 5475178 19951212
TI Supported heteropoly acid catalysts

L11 ANSWER 65 OF 355 USPATFULL
PI US 5468368 19951121
TI Lubricant hydrocracking process

L11 ANSWER 66 OF 355 USPATFULL
PI US 5463176 19951031
TI Liquid waste oxygenation

L11 ANSWER 67 OF 355 USPATFULL
PI US 5458808 19951017
TI Process for continuously controlling the heat content of a partial oxidation unit feed-gas stream

L11 ANSWER 68 OF 355 USPATFULL
PI US 5457252 19951010
TI Catalyst composition for the selective hydrogenation of benzene and process for such hydrogenation

L11 ANSWER 69 OF 355 USPATFULL
PI US 5441721 19950815
TI Synthesis of porous crystalline MCM-58

- L11 ANSWER 70 OF 355 USPATFULL
PI US 5437855 19950801
TI Synthetic porous crystalline MCM-58, its synthesis and use
- X L11 ANSWER 71 OF 355 USPATFULL
PI US 5431889 19950711
TI High temperature and high **pressure** reaction process and apparatus
- L11 ANSWER 72 OF 355 USPATFULL
PI US 5421992 19950606
TI Hydrocarbon conversion process using zeolite SSZ-25
- L11 ANSWER 73 OF 355 USPATFULL
PI US 5413122 19950509
TI Method of providing flavorful and aromatic compounds
- L11 ANSWER 74 OF 355 USPATFULL
PI US 5406018 19950411
TI Homogenous catalyst and process for liquid phase isomerization and alkylation
- L11 ANSWER 75 OF 355 USPATFULL
PI US 5395974 19950307
TI Lewis acid catalyzed ammonolysis of nylon
- L11 ANSWER 76 OF 355 USPATFULL
PI US 5391656 19950221
TI Recovery of unreacted monomers in an olefin polymerization process
- L11 ANSWER 77 OF 355 USPATFULL
PI US 5382742 19950117
TI Gallium-containing zeolite MCM-22
- L11 ANSWER 78 OF 355 USPATFULL
PI US 5371310 19941206
TI Process for preparing short chain alkyl aromatic compounds
- L11 ANSWER 79 OF 355 USPATFULL
PI US 5366945 19941122
TI Supported heteropoly acid catalysts
- L11 ANSWER 80 OF 355 USPATFULL
PI US 5336478 19940809
TI Highly siliceous porous crystalline material
- L11 ANSWER 81 OF 355 USPATFULL
PI US 5334795 19940802
TI Production of ethylbenzene
- L11 ANSWER 82 OF 355 USPATFULL
PI US 5326922 19940705
TI Hydrogen transfer process
- L11 ANSWER 83 OF 355 USPATFULL
PI US 5326540 19940705
TI Containment system for supercritical water oxidation **reactor**
- L11 ANSWER 84 OF 355 USPATFULL
PI US 5324881 19940628
TI Supported heteropoly acid catalysts for isoparaffin-olefin alkylation reactions
- L11 ANSWER 85 OF 355 USPATFULL
PI US 5308648 19940503

TI Spray application of plastics additives to polymers

L11 ANSWER 86 OF 355 USPATFULL

PI US 5304698 19940419

TI Solid catalyzed supercritical isoparaffin-olefin alkylation process

L11 ANSWER 87 OF 355 USPATFULL

PI US 5304588 19940419

TI Core-shell resin particle

L11 ANSWER 88 OF 355 USPATFULL

PI US 5302756 19940412

TI Ammonolysis of nylon

L11 ANSWER 89 OF 355 USPATFULL

PI US 5284643 19940208

TI Gallium-containing zeolite MCM-22

L11 ANSWER 90 OF 355 USPATFULL

PI US 5281328 19940125

TI Hydrocracking with ultra large pore size catalysts

L11 ANSWER 91 OF 355 USPATFULL

PI US 5256277 19931026

TI Paraffin isomerization process utilizing a catalyst comprising a mesoporous crystalline material

L11 ANSWER 92 OF 355 USPATFULL

PI US 5254792 19931019

TI Isoparaffin:olefin alkylation in the presence of synthetic porous MCM-49

L11 ANSWER 93 OF 355 USPATFULL

PI US 5254767 19931019

TI Highly siliceous porous crystalline material and its use in conversion of oxygenates

L11 ANSWER 94 OF 355 USPATFULL

PI US 5252620 19931012

TI Microcellular foams

L11 ANSWER 95 OF 355 USPATFULL

PI US 5241088 19930831

TI Non-catalytic oxidation of alkylene to alkylene oxide in the presence of recycled aldehyde by-products

L11 ANSWER 96 OF 355 USPATFULL

PI US 5231233 19930727

TI Process for the hydration of olefins

L11 ANSWER 97 OF 355 USPATFULL

PI US 5215728 19930601

TI Method and apparatus for removal of h₂s from a process gas, including thiosulfate and/or cyanide salt decomposition

L11 ANSWER 98 OF 355 USPATFULL

PI US 5214925 19930601

TI Use of liquified compressed gases as a refrigerant to suppress cavitation and compressibility when pumping liquified compressed gases

L11 ANSWER 99 OF 355 USPATFULL

PI US 5209848 19930511

TI Xylylene based polyether membranes for gas separation

L11 ANSWER 100 OF 355 USPATFULL

PI US 5202014 19930413

TI Zeolite SSZ-25

L11 ANSWER 101 OF 355 USPATFULL
PI US 5200477 19930406
TI Process for producing sticky polymers

L11 ANSWER 102 OF 355 USPATFULL
PI US 5200379 19930406
TI Olefin polymerization using supported pentadienyl derivative-transition metal complexes

L11 ANSWER 103 OF 355 USPATFULL
PI US 5200058 19930406
TI Catalytic conversion over modified synthetic mesoporous crystalline material

L11 ANSWER 104 OF 355 USPATFULL
PI US 5191134 19930302
TI Aromatics alkylation process

L11 ANSWER 105 OF 355 USPATFULL
PI US 5187247 19930216
TI Process for making elastomeric ethylene-alpha-olefin polymers with stage-modified vanadium catalyst

L11 ANSWER 106 OF 355 USPATFULL
PI US 5187246 19930216
TI Process for making EPR resins

L11 ANSWER 107 OF 355 USPATFULL
PI US 5183561 19930202
TI Demetallation of hydrocarbon feedstocks with a synthetic mesoporous crystalline material

L11 ANSWER 108 OF 355 USPATFULL
PI US 5177252 19930105
TI Halogenated aryl ester damping fluids and lubricants

L11 ANSWER 109 OF 355 USPATFULL
PI US 5173281 19921222
TI Synthesis of a synthetic porous crystalline material

L11 ANSWER 110 OF 355 USPATFULL
PI US 5170727 19921215
TI Supercritical fluids as diluents in combustion of liquid fuels and waste materials

L11 ANSWER 111 OF 355 USPATFULL
PI US 5162463 19921110
TI Method for producing sticky polymers

L11 ANSWER 112 OF 355 USPATFULL
PI US 5156656 19921020
TI Semi-permeable membranes derived from reactive oligomers

L11 ANSWER 113 OF 355 USPATFULL
PI US 5132007 19920721
TI Co-generation system for co-producing clean, coal-based fuels and electricity

L11 ANSWER 114 OF 355 USPATFULL
PI US 5118894 19920602
TI Production of ethylbenzene

L11 ANSWER 115 OF 355 USPATFULL

PI US 5107054 19920421
TI Zeolite MCM-22 based catalyst for paraffin isomerization

L11 ANSWER 116 OF 355 USPATFULL
PI US 5105023 19920414
TI Process for the hydration of olefins cross reference to related applications

L11 ANSWER 117 OF 355 USPATFULL
PI US 5075394 19911224
TI Olefin polymerization using supported pentadienyl derivative-transition metal complexes

L11 ANSWER 118 OF 355 USPATFULL
PI US 5073665 19911217
TI Process for alkylating olefins and isoparaffins in a fixed bed **reactor**

L11 ANSWER 119 OF 355 USPATFULL
PI US 5073655 19911217
TI Method for preparing diarylalkanes

L11 ANSWER 120 OF 355 USPATFULL
PI US 5073529 19911217
TI Method of regenerating a nonacidic zeolite catalyst

L11 ANSWER 121 OF 355 USPATFULL
PI US 5064525 19911112
TI Combined hydrogenolysis plus oxidation process for sweetening a sour hydrocarbon fraction

L11 ANSWER 122 OF 355 USPATFULL
PI US 5053568 19911001
TI Lubricant compositions comprising copolymers of 1-vinyladamantane and 1-alkenes and methods of preparing the same

L11 ANSWER 123 OF 355 USPATFULL
PI US 5043512 19910827
TI Alkylaromatic isomerization process

L11 ANSWER 124 OF 355 USPATFULL
PI US 5043501 19910827
TI Process for preparing dimethylnaphthalene

L11 ANSWER 125 OF 355 USPATFULL
PI US 5041473 19910820
TI Process for producing carbon black filled polyethylene resins

L11 ANSWER 126 OF 355 USPATFULL
PI US 5030787 19910709
TI Catalytic disproportionation/transalkylation utilizing a C9+ aromatics feed

L11 ANSWER 127 OF 355 USPATFULL
PI US 5019357 19910528
TI **Reactor** system for upgrading light olefins in staged **reactors**

L11 ANSWER 128 OF 355 USPATFULL
PI US 5012037 19910430
TI Integrated thermal swing-**pressure** swing adsorption process for hydrogen and hydrocarbon recovery

L11 ANSWER 129 OF 355 USPATFULL
PI US 5012033 19910430

- TI Isoparaffin-olefin alkylation process and catalyst composition thereof
- L11 ANSWER 130 OF 355 USPATFULL
PI US 5008413 19910416
TI Catalyst for oxidation of ethylene to ethylene oxide
- L11 ANSWER 131 OF 355 USPATFULL
PI US 4994534 19910219
TI Process for producing sticky polymers
- L11 ANSWER 132 OF 355 USPATFULL
PI US 4992615 19910212
TI Isoparaffin-olefin alkylation process
- L11 ANSWER 133 OF 355 USPATFULL
PI US 4982040 19910101
TI Process for the catalytic disproportionation of methylnaphthalenes
- L11 ANSWER 134 OF 355 USPATFULL
PI US 4980333 19901225
TI Perovskite-related layered oxides containing interspathic polymeric oxide
- L11 ANSWER 135 OF 355 USPATFULL
PI US 4980128 19901225
TI Control of corrosion in aqueous systems
- L11 ANSWER 136 OF 355 USPATFULL
PI US 4973784 19901127
TI Process for reducing the durene content of effluent resulting from the catalytic conversion of C_{sub.1}-C_{sub.4} oxygenates to gasoline
- L11 ANSWER 137 OF 355 USPATFULL
PI US 4968402 19901106
TI Process for upgrading hydrocarbons
- L11 ANSWER 138 OF 355 USPATFULL
PI US 4962257 19901009
TI Process for the catalytic disproportionation of toluene
- L11 ANSWER 139 OF 355 USPATFULL
PI US 4961767 19901009
TI Method for producing ultra-high purity, optical quality, glass articles
- L11 ANSWER 140 OF 355 USPATFULL
PI US 4954325 19900904
TI Composition of synthetic porous crystalline material, its synthesis and use
- L11 ANSWER 141 OF 355 USPATFULL
PI US 4936047 19900626
TI Method of capturing sulfur in coal during combustion and gasification
- L11 ANSWER 142 OF 355 USPATFULL
PI US 4922048 19900501
TI Medium-pore zeolite olefinic naphtha by-product upgrading
- L11 ANSWER 143 OF 355 USPATFULL
PI US 4897376 19900130
TI Process for preparing a catalyst for oxidation of ethylene to ethylene oxide
- L11 ANSWER 144 OF 355 USPATFULL
PI US 4863971 19890905
TI Synthesis gas conversion with perovskite catalysts

L11 ANSWER 145 OF 355 USPATFULL
PI US 4859648 19890822
TI Layered metal chalcogenides containing interspathic polymeric chalcogenides

L11 ANSWER 146 OF 355 USPATFULL
PI US 4839030 19890613
TI Coal liquefaction process utilizing coal/CO₂ sub.2 slurry feedstream

L11 ANSWER 147 OF 355 USPATFULL
PI US 4831108 19890516
TI Polycondensation process with mean dispersion residence time

L11 ANSWER 148 OF 355 USPATFULL
PI US 4822592 19890418
TI Producing alpha alumina particles with pressurized acidic steam

L11 ANSWER 149 OF 355 USPATFULL
PI US 4816543 19890328
TI Polyurethane system using monotertiary-alkyltoluenediamine as a cross linker

L11 ANSWER 150 OF 355 USPATFULL
PI US 4806581 19890221
TI Graft polymers of polymerizable monomers and olefin polymers

L11 ANSWER 151 OF 355 USPATFULL
PI US 4789389 19881206
TI Method for producing ultra-high purity, optical quality, glass articles

L11 ANSWER 152 OF 355 USPATFULL
PI US 4786400 19881122
TI Method and apparatus for catalytically converting fractions of crude oil boiling above gasoline

L11 ANSWER 153 OF 355 USPATFULL
PI US 4781731 19881101
TI Integrated method of charge fuel pretreatment and tail gas sulfur removal in a partial oxidation process

L11 ANSWER 154 OF 355 USPATFULL
PI US 4778586 19881018
TI Viscosity reduction processing at elevated **pressure**

L11 ANSWER 155 OF 355 USPATFULL
PI US 4777316 19881011
TI Manufacture of distillate hydrocarbons from light olefins in staged **reactors**

L11 ANSWER 156 OF 355 USPATFULL
PI US 4761185 19880802
TI Rapid starch depolymerization via spray **reactors**

L11 ANSWER 157 OF 355 USPATFULL
PI US 4745223 19880517
TI Mono-tertiary-alkylated toluenediamine and derivatives

L11 ANSWER 158 OF 355 USPATFULL
PI US 4732665 19880322
TI High severity catalytic reforming process

L11 ANSWER 159 OF 355 USPATFULL
PI US 4709111 19871124
TI Oligomerization process with integrated heat utilization

- L11 ANSWER 160 OF 355 USPATFULL
PI US 4670476 19870602
TI Manganese-spinel catalysts in CO/H₂.sub.2 olefin synthesis
- L11 ANSWER 161 OF 355 USPATFULL
PI US 4663063 19870505
TI Alkyl phenol and amino compound compositions and two-cycle engine oils and fuels containing same
- L11 ANSWER 162 OF 355 USPATFULL
PI US 4643025 19870217
TI System for measuring liquid level in a pressurized vessel
- L11 ANSWER 163 OF 355 USPATFULL
PI US 4640829 19870203
TI Synthesis of crystalline silicate ZSM-50 using dibenzylidemethylammonium ions and the product produced
- L11 ANSWER 164 OF 355 USPATFULL
PI US 4636371 19870113
TI Removal of sulfur oxides from fluid streams
- L11 ANSWER 165 OF 355 USPATFULL
PI US 4622819 19861118
TI Steam turbine exhaust pipe erosion prevention system
- L11 ANSWER 166 OF 355 USPATFULL
PI US 4615792 19861007
TI Hydrogen circulation for moving bed catalyst transfer systems
- L11 ANSWER 167 OF 355 USPATFULL
PI US 4611813 19860916
TI Method of and apparatus for providing an annular seal
- L11 ANSWER 168 OF 355 USPATFULL
PI US 4608153 19860826
TI Process for the removal of polynuclear aromatic hydrocarbon compounds from admixtures of liquid hydrocarbon compounds
- L11 ANSWER 169 OF 355 USPATFULL
PI US 4604375 19860805
TI Manganese-spinel catalysts in CO/H₂.sub.2 olefin synthesis
- L11 ANSWER 170 OF 355 USPATFULL
PI US 4590310 19860520
TI Process for the preparation of 2,2,2-trifluoroethanol
- L11 ANSWER 171 OF 355 USPATFULL
PI US 4588790 19860513
TI Method for fluidized bed polymerization
- L11 ANSWER 172 OF 355 USPATFULL
PI US 4587007 19860506
TI Process for visbreaking resids in the presence of hydrogen-donor materials and organic sulfur compounds
- L11 ANSWER 173 OF 355 USPATFULL
PI US 4584322 19860422
TI Process for the production of acetic acid from synthesis gas
- L11 ANSWER 174 OF 355 USPATFULL
PI US 4574121 19860304
TI Metal chelate mercaptan oxidation catalyst

L11 ANSWER 175 OF 355 USPATFULL
PI US 4559061 19851217
TI Means for synthesis gas generation with control of ratio of steam to dry gas

L11 ANSWER 176 OF 355 USPATFULL
PI US 4556477 19851203
TI Highly siliceous porous crystalline material ZSM-22 and its use in catalytic dewaxing of petroleum stocks

L11 ANSWER 177 OF 355 USPATFULL
PI US 4546819 19851015
TI Double wall heat exchanger

L11 ANSWER 178 OF 355 USPATFULL
PI US 4544674 19851001
TI Cobalt-promoted fischer-tropsch catalysts

L11 ANSWER 179 OF 355 USPATFULL
PI US 4544672 19851001
TI Cobalt-promoted catalysts for use in Fischer-Tropsch slurry process

L11 ANSWER 180 OF 355 USPATFULL
PI US 4537867 19850827
TI Promoted iron-cobalt spinel catalyst for Fischer-Tropsch processes

L11 ANSWER 181 OF 355 USPATFULL
PI US 4536382 19850820
TI Process for the conversion of H._{sub.2} S and adjustment of the H._{sub.2} /CO ratio in gaseous streams containing hydrogen sulfide, hydrogen, and carbon monoxide

L11 ANSWER 182 OF 355 USPATFULL
PI US 4536381 19850820
TI Process for the removal of H._{sub.2} S and adjustment of the H._{sub.2} /CO ratio in gaseous streams containing hydrogen sulfide, carbon monoxide, and hydrogen

L11 ANSWER 183 OF 355 USPATFULL
PI US 4523045 19850611
TI Process for converting paraffins to olefins

L11 ANSWER 184 OF 355 USPATFULL
PI US 4502869 19850305
TI Synthesis gas generation process with control of ratio of steam to dry gas

L11 ANSWER 185 OF 355 USPATFULL
PI US 4501652 19850226
TI Process for selective removal of CCR, arsenic and conjugated diolefins from shale oil

L11 ANSWER 186 OF 355 USPATFULL
PI US 4498977 19850212
TI Catalytic oxidation of mercaptan in petroleum distillate

L11 ANSWER 187 OF 355 USPATFULL
PI US 4498973 19850212
TI Multiple-stage catalytic reforming with gravity-flowing dissimilar catalyst particles

L11 ANSWER 188 OF 355 USPATFULL
PI US 4487970 19841211
TI Cleavage of hydroperoxides

- L11 ANSWER 189 OF 355 USPATFULL
PI US 4480141 19841030
TI Cleavage of hydroperoxides
- L11 ANSWER 190 OF 355 USPATFULL
PI US 4478793 19841023
TI Radial flow **reactor** with operating temperature profile
- L11 ANSWER 191 OF 355 USPATFULL
PI US 4476331 19841009
TI Two stage hydrogenolysis of carbohydrate to glycols using sulfide modified ruthenium catalyst in second stage
- L11 ANSWER 192 OF 355 USPATFULL
PI US 4469524 19840904
TI Continuous process and apparatus for modifying carbohydrate material
- L11 ANSWER 193 OF 355 USPATFULL
PI US 4459259 19840710
TI Digital computer operation of a nuclear **reactor**
- L11 ANSWER 194 OF 355 USPATFULL
PI US 4450241 19840522
TI Endothermic removal of coke deposited on catalytic materials during carbo-metallic oil conversion
- L11 ANSWER 195 OF 355 USPATFULL
PI US 4448675 19840515
TI Silico-crystal ZSM-48 method of preparing same and catalytic conversion therewith
- L11 ANSWER 196 OF 355 USPATFULL
PI US 4447315 19840508
TI Hydrocracking process
- L11 ANSWER 197 OF 355 USPATFULL
PI US 4445180 19840424
TI Plant unit master control for fossil fired boiler implemented with a digital computer
- L11 ANSWER 198 OF 355 USPATFULL
PI US 4436673 19840313
TI Fluid bed process for preparing phenylphosphorous dichloride
- L11 ANSWER 199 OF 355 USPATFULL
PI US 4430253 19840207
TI Sulfide-modified ruthenium catalyst
- L11 ANSWER 200 OF 355 USPATFULL
PI US 4428824 19840131
TI Process for visbreaking resid deasphaltenes
- L11 ANSWER 201 OF 355 USPATFULL
PI US 4425259 19840110
TI Endothermic removal of coke deposited on catalytic materials during carbo-metallic oil conversion
- L11 ANSWER 202 OF 355 USPATFULL
PI US 4412914 19831101
TI Endothermic removal of coke deposited on sorbent materials during carbo-metallic oil conversion
- L11 ANSWER 203 OF 355 USPATFULL
PI US 4410731 19831018
TI Process for the manufacture of methyl mercaptan from carbon oxides

- L11 ANSWER 204 OF 355 USPATFULL
PI US 4409199 19831011
TI Removal of H.sub.2 S and COS
- L11 ANSWER 205 OF 355 USPATFULL
PI US 4409092 19831011
TI Combination process for upgrading oil products of coal, shale oil and crude oil to produce jet fuels, diesel fuels and gasoline
- L11 ANSWER 206 OF 355 USPATFULL
PI US 4401402 19830830
TI Liquid seal lock hoppers and method of utilizing same
- L11 ANSWER 207 OF 355 USPATFULL
PI US 4397827 19830809
TI Silico-crystal method of preparing same and catalytic conversion therewith
- L11 ANSWER 208 OF 355 USPATFULL
PI US 4396495 19830802
TI Reduction of foaming in a slurry catalyst hydrocarbon conversion process
- L11 ANSWER 209 OF 355 USPATFULL
PI US 4393259 19830712
TI Process for conversion of propane or butane to gasoline
- L11 ANSWER 210 OF 355 USPATFULL
PI US 4393171 19830712
TI Process for preparing rubbery polymer reinforced styrenic resins
- L11 ANSWER 211 OF 355 USPATFULL
PI US 4384157 19830517
TI Catalytic condensation process with propane product stream
- L11 ANSWER 212 OF 355 USPATFULL
PI US 4380146 19830419
TI System and method for accelerating and sequencing industrial gas turbine apparatus and gas turbine electric power plants preferably with a digital computer control system
- L11 ANSWER 213 OF 355 USPATFULL
PI US 4367356 19830104
TI Process for the production of gasoline from C.sub.4 hydrocarbons
- L11 ANSWER 214 OF 355 USPATFULL
PI US 4356077 19821026
TI Pyrolysis process
- L11 ANSWER 215 OF 355 USPATFULL
PI US 4325807 19820420
TI Multiple stage hydrocarbon conversion with gravity flowing catalyst particles
- L11 ANSWER 216 OF 355 USPATFULL
PI US 4325806 19820420
TI Multiple stage hydrocarbon conversion with gravity flowing catalyst particles
- L11 ANSWER 217 OF 355 USPATFULL
PI US 4324936 19820413
TI Butane isomerization process
- L11 ANSWER 218 OF 355 USPATFULL
PI US 4324644 19820413

TI Pyrolysis process for stabilizing volatile hydrocarbons utilizing a beneficially reactive gas

L11 ANSWER 219 OF 355 USPATFULL
PI US 4324643 19820413
TI Pyrolysis process for producing condensed stabilized hydrocarbons

L11 ANSWER 220 OF 355 USPATFULL
PI US 4324642 19820413
TI Pyrolysis process for producing condensed stabilized hydrocarbons utilizing a beneficially reactive gas

L11 ANSWER 221 OF 355 USPATFULL
PI US 4324641 19820413
TI Pyrolysis process utilizing a beneficially reactive gas

L11 ANSWER 222 OF 355 USPATFULL
PI US 4324640 19820413
TI Pyrolysis process

L11 ANSWER 223 OF 355 USPATFULL
PI US 4324639 19820413
TI Pyrolysis process with feed pretreatment

L11 ANSWER 224 OF 355 USPATFULL
PI US 4324638 19820413
TI Pyrolysis process for stabilizing volatile hydrocarbons

L11 ANSWER 225 OF 355 USPATFULL
PI US 4324637 19820413
TI Pyrolysis process with feed pretreatment utilizing a beneficially reactive gas

L11 ANSWER 226 OF 355 USPATFULL
PI US 4323538 19820406
TI Hydrogenation apparatus

L11 ANSWER 227 OF 355 USPATFULL
PI US 4323447 19820406
TI Coal Liquefaction process employing octahydrophenanthrene-enriched solvent

L11 ANSWER 228 OF 355 USPATFULL
PI US 4322284 19820330
TI Solvent refining of coal using octahydrophenanthrene-enriched solvent and coal minerals recycle

L11 ANSWER 229 OF 355 USPATFULL
PI US 4320016 19820316
TI Carbon dioxide-blown overbased calcium alkylphenolate lubricating compositions

L11 ANSWER 230 OF 355 USPATFULL
PI US 4312746 19820126
TI Catalytic production of octahydrophenanthrene-enriched solvent

L11 ANSWER 231 OF 355 USPATFULL
PI US 4308463 19811229
TI System and method for operating industrial gas turbine apparatus and gas turbine electric power plants preferably with a digital computer control system

L11 ANSWER 232 OF 355 USPATFULL
PI US 4304948 19811208
TI Process for conversion of butane to gasoline

L11 ANSWER 233 OF 355 USPATFULL
PI US 4297245 19811027
TI Catalyst for the preparation of methane

L11 ANSWER 234 OF 355 USPATFULL
PI US 4293722 19811006
TI Process for conversion of propane to gasoline

L11 ANSWER 235 OF 355 USPATFULL
PI US 4288648 19810908
TI Process for the oligomerization of ethylene

L11 ANSWER 236 OF 355 USPATFULL
PI US 4282009 19810804
TI Rotating fluidized bed gasifier system

L11 ANSWER 237 OF 355 USPATFULL
PI US 4280893 19810728
TI Integrated coal conversion process

L11 ANSWER 238 OF 355 USPATFULL
PI US 4262102 19810414
TI Polymerization with sublimed chromium catalyst

L11 ANSWER 239 OF 355 USPATFULL
PI US 4262029 19810414
TI Apparatus and process for the preparation of gasified confectionaries by pressurized deposit molding

L11 ANSWER 240 OF 355 USPATFULL
PI US 4250019 19810210
TI Multiple stage hydrocarbon conversion process

L11 ANSWER 241 OF 355 USPATFULL
PI US 4250018 19810210
TI Multiple stage hydrocarbon conversion process

L11 ANSWER 242 OF 355 USPATFULL
PI US 4243509 19810106
TI Coal hydrogenation

L11 ANSWER 243 OF 355 USPATFULL
PI US 4240923 19801223
TI Process and amine-solvent absorbent for removing acidic gases from gaseous mixtures

L11 ANSWER 244 OF 355 USPATFULL
PI US 4240922 19801223
TI Process and amine-solvent absorbent for removing acidic gases from gaseous mixtures

L11 ANSWER 245 OF 355 USPATFULL
PI US 4237618 19801209
TI Process for mechanically dewatering sewage sludge

L11 ANSWER 246 OF 355 USPATFULL
PI US 4233138 19801111
TI Process for the visbreaking of high-metals crudes and resids

L11 ANSWER 247 OF 355 USPATFULL
PI US 4229586 19801021
TI Process for production of motor fuel and phthalate esters or acyclic alcohols

- L11 ANSWER 248 OF 355 USPATFULL
PI US 4218345 19800819
TI Olefin polymerization catalyst of chromium and process of preparing it
- L11 ANSWER 249 OF 355 USPATFULL
PI US 4218287 19800819
TI Method of avoiding agglomeration in fluidized bed processes
- L11 ANSWER 250 OF 355 USPATFULL
PI US 4217238 19800812
TI Process for removing acid gases with hindered amines and amino acids
- L11 ANSWER 251 OF 355 USPATFULL
PI US 4217237 19800812
TI Process for removing carbon dioxide containing acidic gases from gaseous mixtures using a basic salt activated with a hindered amine
- L11 ANSWER 252 OF 355 USPATFULL
PI US 4217236 19800812
TI Process and composition for removing carbon dioxide containing acidic gases from gaseous mixtures
- L11 ANSWER 253 OF 355 USPATFULL
PI US 4213847 19800722
TI Catalytic dewaxing of lubes in **reactor** fractionator
- L11 ANSWER 254 OF 355 USPATFULL
PI US 4209652 19800624
TI Process for production of motor fuel and phthalate esters or acyclic alcohols
- L11 ANSWER 255 OF 355 USPATFULL
PI US 4208245 19800617
TI Pyrolysis of spent pulping liquors
- L11 ANSWER 256 OF 355 USPATFULL
PI US 4203830 19800520
TI Visbreaking process for demetalation and desulfurization of heavy oil
- L11 ANSWER 257 OF 355 USPATFULL
PI US 4200494 19800429
TI Method of preventing defluidization of carbonaceous particles
- L11 ANSWER 258 OF 355 USPATFULL
PI US 4194964 19800325
TI Catalytic conversion of hydrocarbons in **reactor** fractionator
- L11 ANSWER 259 OF 355 USPATFULL
PI US 4191844 19800304
TI Hydrodealkylation process and catalyst
- L11 ANSWER 260 OF 355 USPATFULL
PI US 4178435 19791211
TI Recovery process for branched polyphenylene
- L11 ANSWER 261 OF 355 USPATFULL
PI US 4175175 19791120
TI Polyarylene polyethers
- L11 ANSWER 262 OF 355 USPATFULL
PI US 4171270 19791016
TI Sulfurized overbased calcium alkylphenolate lubricant composition
- L11 ANSWER 263 OF 355 USPATFULL
PI US 4170543 19791009

TI Electrical insulating oil

L11 ANSWER 264 OF 355 USPATFULL
PI US 4169799 19791002
TI Lubricating oil composition

L11 ANSWER 265 OF 355 USPATFULL
PI US 4169128 19790925
TI Coal liquefaction apparatus

L11 ANSWER 266 OF 355 USPATFULL
PI US 4167553 19790911
TI Catalytic reaction **chamber** for gravity-flowing catalyst particles

L11 ANSWER 267 OF 355 USPATFULL
PI US 4167474 19790911
TI Multiple-stage catalytic reforming with gravity-flowing dissimilar catalyst particles

L11 ANSWER 268 OF 355 USPATFULL
PI US 4165718 19790828
TI Method and apparatus for feeding condensate to a high **pressure** vapor generator

L11 ANSWER 269 OF 355 USPATFULL
PI US 4159935 19790703
TI Conversion of hydrocarbonaceous black oils

L11 ANSWER 270 OF 355 USPATFULL
PI US 4158026 19790612
TI Combination process for selected aromatic hydrocarbon production

L11 ANSWER 271 OF 355 USPATFULL
PI US 4157355 19790605
TI Combination process for selected aromatic hydrocarbon production

L11 ANSWER 272 OF 355 USPATFULL
PI US 4147611 19790403
TI Regeneration of alkali metal sulfides from alkali metal hydrosulfides

L11 ANSWER 273 OF 355 USPATFULL
PI US 29948 19790327
US 3941871 19760302 (Original)
TI Crystalline silicates and catalytic conversion of organic compounds therewith

L11 ANSWER 274 OF 355 USPATFULL
PI US 4142964 19790306
TI Process for treating a sour petroleum distillate

L11 ANSWER 275 OF 355 USPATFULL
PI US 4141690 19790227
TI Catalytic reaction **chamber** for gravity-flowing catalyst particles

L11 ANSWER 276 OF 355 USPATFULL
PI US 4137274 19790130
TI Process for motor fuel production by olefin polymerization

L11 ANSWER 277 OF 355 USPATFULL
PI US 4136021 19790123
TI Sorbent for heavy metals

L11 ANSWER 278 OF 355 USPATFULL

- PI US 4135886 19790123
TI Catalytic reaction **chamber** for gravity-flowing catalyst particles
- L11 ANSWER 279 OF 355 USPATFULL
PI US 4132627 19790102
TI Integrated coal conversion process
- L11 ANSWER 280 OF 355 USPATFULL
PI US 4128473 19781205
TI Catalytic hydrotreating process
- L11 ANSWER 281 OF 355 USPATFULL
PI US 4120944 19781017
TI Preparation of carbonyl sulfide and production of methyl mercaptan therefrom
- L11 ANSWER 282 OF 355 USPATFULL
PI US 4119527 19781010
TI Multiple-stage hydrocarbon conversion with gravity-flowing catalyst particles
- L11 ANSWER 283 OF 355 USPATFULL
PI US 4119526 19781010
TI Multiple-stage hydrocarbon conversion with gravity-flowing catalyst particles
- L11 ANSWER 284 OF 355 USPATFULL
PI US 4115255 19780919
TI Process for hydrogenating a coke-forming hydrocarbon distillate
- L11 ANSWER 285 OF 355 USPATFULL
PI US 4112051 19780905
TI Process and amine-solvent absorbent for removing acidic gases from gaseous mixtures
- L11 ANSWER 286 OF 355 USPATFULL
PI US 4112050 19780905
TI Process for removing carbon dioxide containing acidic gases from gaseous mixtures using a basic salt activated with a hindered amine
- L11 ANSWER 287 OF 355 USPATFULL
PI US 4110198 19780829
TI Process for hydrocracking hydrocarbons
- L11 ANSWER 288 OF 355 USPATFULL
PI US 4110197 19780829
TI Hydrocarbon conversion with gravity-flowing catalyst particles
- L11 ANSWER 289 OF 355 USPATFULL
PI US 4108837 19780822
TI Polyarylene polyethers
- L11 ANSWER 290 OF 355 USPATFULL
PI US 4104149 19780801
TI Multiple-stage hydrocarbon conversion with gravity-flowing catalyst particles
- L11 ANSWER 291 OF 355 USPATFULL
PI US 4101633 19780718
TI Process and composition for removing carbon dioxide containing acidic gases from gaseous mixtures
- L11 ANSWER 292 OF 355 USPATFULL
PI US 4100257 19780711

TI Process and amine-solvent absorbent for removing acidic gases from gaseous mixtures

L11 ANSWER 293 OF 355 USPATFULL
PI US 4094957 19780613
TI Process for removing acid gases with hindered amines and amino acids

L11 ANSWER 294 OF 355 USPATFULL
PI US 4090982 19780523
TI Hydrodesulfurization catalyst

L11 ANSWER 295 OF 355 USPATFULL
PI US 4082649 19780404
TI Hydrocracking hydrocarbons over tri-metallic catalyst

L11 ANSWER 296 OF 355 USPATFULL
PI US 4082518 19780404
TI Additives for motor fuels and lubricants

L11 ANSWER 297 OF 355 USPATFULL
PI US 4081490 19780328
TI Hydrocarbon conversion over ZSM-35

L11 ANSWER 298 OF 355 USPATFULL
PI US 4080397 19780321
TI Method for upgrading synthetic oils boiling above gasoline boiling material

L11 ANSWER 299 OF 355 USPATFULL
PI US 4079092 19780314
TI Hydroprocessing of aromatics to make cycloparaffins

L11 ANSWER 300 OF 355 USPATFULL
PI US 4072663 19780207
TI Transfer system for conveying polyester polymer

L11 ANSWER 301 OF 355 USPATFULL
PI US 4069137 19780117
TI Hydrogen-producing hydrocarbon conversion with gravity-flowing catalyst particles

L11 ANSWER 302 OF 355 USPATFULL
PI US 4069136 19780117
TI Countercurrent hydrocarbon conversion with gravity-flowing catalyst particles

L11 ANSWER 303 OF 355 USPATFULL
PI US 4069134 19780117
TI Hydrogen-producing hydrocarbon conversion with gravity-flowing catalyst particles

L11 ANSWER 304 OF 355 USPATFULL
PI US 4067902 19780110
TI Mixing two immiscible fluids of differing density

L11 ANSWER 305 OF 355 USPATFULL
PI US 4065514 19771227
TI Preparation of methane

L11 ANSWER 306 OF 355 USPATFULL
PI US 4062801 19771213
TI Catalyst regeneration method

L11 ANSWER 307 OF 355 USPATFULL
PI US 4062762 19771213

TI Process for desulfurizing and blending naphtha

L11 ANSWER 308 OF 355 USPATFULL
PI US 4057402 19771108
TI Coal pretreatment and gasification process

L11 ANSWER 309 OF 355 USPATFULL
PI US 4051717 19771004
TI Testing shaft seals without pressuring system to operating pressure

L11 ANSWER 310 OF 355 USPATFULL
PI US 4048057 19770913
TI Integrated heavy oil cracking process utilizing catalyst separated from cracking in pretreating zone

L11 ANSWER 311 OF 355 USPATFULL
PI US 4045500 19770830
TI Preparation of ethylene glycol

L11 ANSWER 312 OF 355 USPATFULL
PI US 4044904 19770830
TI Method of feeding particles from a first region to a second region

L11 ANSWER 313 OF 355 USPATFULL
PI US 4043471 19770823
TI Method of particle feeding

L11 ANSWER 314 OF 355 USPATFULL
PI US 4039431 19770802
TI Particulate material distributor and method involving use of same

L11 ANSWER 315 OF 355 USPATFULL
PI US 4029868 19770614
TI Tetrafluoroethylene terpolymers

L11 ANSWER 316 OF 355 USPATFULL
PI US 4022839 19770510
TI Recovery of aluminum from ethylene telomer product

L11 ANSWER 317 OF 355 USPATFULL
PI US 4019869 19770426
TI Combination **reactor**-separator apparatus

L11 ANSWER 318 OF 355 USPATFULL
PI US 4018672 19770419
TI Hydrodesulfurization catalyst and process utilizing the same

L11 ANSWER 319 OF 355 USPATFULL
PI US 4013548 19770322
TI Hydroprocessing of hydrocarbons

L11 ANSWER 320 OF 355 USPATFULL
PI US 4009096 19770222
TI Hydroprocessing of hydrocarbons

L11 ANSWER 321 OF 355 USPATFULL
PI US 4003954 19770118
TI Hydroprocessing aromatics to make cycloparaffins

L11 ANSWER 322 OF 355 USPATFULL
PI US 4001085 19770104
TI Immobilization of enzymes on an inorganic matrix

L11 ANSWER 323 OF 355 USPATFULL

PI US 3997430 19761214
TI Hydrodesulfurization process involving blending high boiling streams

L11 ANSWER 324 OF 355 USPATFULL
PI US 3994978 19761130
TI Hydroformylation of olefins

L11 ANSWER 325 OF 355 USPATFULL
PI US 3993457 19761123
TI Concurrent production of methanol and synthetic natural gas

L11 ANSWER 326 OF 355 USPATFULL
PI US 3992464 19761116
TI Hydroprocessing aromatics to make cycloparaffins

L11 ANSWER 327 OF 355 USPATFULL
PI US 3988236 19761026
TI Process for the continuous hydrocarbonization of coal

L11 ANSWER 328 OF 355 USPATFULL
PI US 3985820 19761012
TI Cracking process

L11 ANSWER 329 OF 355 USPATFULL
PI US 3974100 19760810
TI Steam-activated olefin disproportionation catalysts

L11 ANSWER 330 OF 355 USPATFULL
PI US 3970544 19760720
TI Hydrocarbon conversion with ZSM-12

L11 ANSWER 331 OF 355 USPATFULL
PI US 3959367 19760525
TI Oxidation of halo-olefins

L11 ANSWER 332 OF 355 USPATFULL
PI US 3941871 19760302
TI Crystalline silicates and method of preparing the same

L11 ANSWER 333 OF 355 USPATFULL
PI US 3940330 19760224
TI Two stage metal-containing oil hydrodesulfurization process employing an activated alumina supported catalyst in each stage

L11 ANSWER 334 OF 355 USPATFULL
PI US 3931503 19760106
TI System for operating a boiling water **reactor** steam turbine power plant utilizing dual analog throttle **pressure** controllers

L11 ANSWER 335 OF 355 USPATFULL
PI US 3931500 19760106
TI System for operating a boiling water **reactor** steam turbine plant with a combined digital computer and analog control

L11 ANSWER 336 OF 355 USPATFULL
PI US 3930988 19760106
TI Reclaiming used motor oil

L11 ANSWER 337 OF 355 USPATFULL
PI US 3929421 19751230
TI Tubular catalytic **reactor** with premixing means for multiple reactants of different densities

L11 ANSWER 338 OF 355 USPATFULL

PI US 3925025 19751209
TI Ring-flanged slip-joint for a **reactor** system

L11 ANSWER 339 OF 355 USPATFULL
PI US 3923637 19751202
TI Hydrodesulfurization process with a portion of the feed added downstream

L11 ANSWER 340 OF 355 USPATFULL
PI US 3918930 19751111
TI Countercurrent catalytic contact of a reactant stream in a multiple-stage process and the apparatus therefor

L11 ANSWER 341 OF 355 USPATFULL
PI US 3907511 19750923
TI Apparatus for countercurrent catalytic contact of a reactant stream in a multiple-stage process

L11 ANSWER 342 OF 355 USPATFULL
PI US 3904386 19750909
TI Combined shift and methanation reaction process for the gasification of carbonaceous materials

L11 ANSWER 343 OF 355 USPATFULL
PI US 3898439 19750805
TI System for operating industrial gas turbine apparatus and gas turbine electric power plants preferably with a digital computer control system

L11 ANSWER 344 OF 355 USPATFULL
PI US 3891404 19750624
TI Heavy oil hydrogasification process

L11 ANSWER 345 OF 355 USPATFULL
PI US 3890432 19750617
TI Catalytic hydrogen manufacture

L11 ANSWER 346 OF 355 USPATFULL
PI US 3888940 19750610
TI Steam-activated olefin disproportionation catalysts

L11 ANSWER 347 OF 355 USPATFULL
PI US 3882015 19750506
TI Countercurrent catalytic contact of a reactant stream in a multi-stage process and the apparatus therefor

L11 ANSWER 348 OF 355 USPATFULL
PI US 3875125 19750401
TI Sorbent for heavy metals

L11 ANSWER 349 OF 355 USPATFULL
PI US 3853970 19741210
TI VINYL CHLORIDE GRAFT POLYMERS AND PROCESS FOR PREPARATION THEREOF

L11 ANSWER 350 OF 355 USPATFULL
PI US 3852187 19741203
TI HYDRODESULFURIZATION PROCESS FOR PRODUCING FUEL OIL AND FCC FEED

L11 ANSWER 351 OF 355 USPATFULL
PI US 3852186 19741203
TI COMBINATION HYDRODESULFURIZATION AND FCC PROCESS

L11 ANSWER 352 OF 355 USPATFULL
PI US 3852185 19741203
TI HYDRODESULFURIZATION AND FCC OF BLENDED STREAM CONTAINING COKER GAS OIL

L11 ANSWER 353 OF 355 USPATFULL

PI US 3755153 19730828
TI OLEFIN SEPARATION PROCESS USING COPPER-EXCHANGED TYPE X ZEOLITE

L11 ANSWER 354 OF 355 USPATFULL
PI US 3728415 19730417
TI PRODUCTION OF N-BUTENES FROM ETHYLENE

L11 ANSWER 355 OF 355 USPATFULL
PI US 3719749 19730306
TI HYDROGEN PRODUCTION